

Course Title: GRADE ONE SCIENCE-B	Course Description
<p>Course No. N/A Grade Level: 1</p> <p>Text and Resources: <i>A. Science: California Edition, Grade One; Harcourt</i></p>	<p>Course Duration: *One Semester</p> <p>Credit Value: One Course</p>
Course Content: Key Content Standards and Course Objectives	
<p><u>Physical Sciences</u> Materials come in different forms (states) including solids, liquids, and gases (1-1a,b).</p> <p><u>Life Sciences</u> Plants and animals meet their needs in different ways. (1-2a-e).</p> <p><u>Earth Sciences</u> Weather can be observed, measured and described. (1-3a-c).</p> <p><u>Investigation and Experimentation Skills</u></p> <p>Students will ask meaningful questions and conduct careful investigations related to the other three strands.</p> <ol style="list-style-type: none"> 1. Students will draw pictures that portray some features of the thing being described. (1-4a). 2. Students will record observations and data with pictures, numbers, and/or written statements (1-4b). 	<p>This course introduces concepts that serve as the bases for the development of scientific thinking. Observation of natural objects is stressed throughout all the strands that include Physical, Life and Earth Sciences as well as an investigation and observation strand.</p> <p>The primary and elementary school standards provide the foundational skills and knowledge for students to learn core concepts, principles, and theories of science at the high school level. The standards are organized in sets under broad concepts and call for early introduction of science facts and terms.</p> <p>*Open entry/open exit</p>
Methods of Study	Evaluation of Performance Standards
<ol style="list-style-type: none"> 1. Students will complete all activities assigned. 2. Students will participate in discussion with other class members and/or teacher. 	<ol style="list-style-type: none"> 1. Students will complete all assignments and assessments with a minimum of 70% accuracy. 2. The supervising teacher will be satisfied with the quality of the student's work.

GRADE ONE SCIENCE B

Course Outline

I. Textbook Assignment Options:

A. *Science: California Edition Grade One (1 Course)*

- Complete all activities in Chapters 6-10.
- Complete all activities in Practice Workbook for Chapters 6-10.
- Complete one Extension Activity

II. Extension Activities

- Place an ice cube in a cup. Put the cup in a sunny place. Wait 15 minutes and then look at the ice cube again. Write a sentence that describes what happened to the ice cube. Write a sentence that explains what form of matter (solid, liquid, gas) the ice cube was to begin with. Write a sentence that explains what form of matter the ice cube was after 15 minutes.
- Draw and label the four stages of life for either a frog or a caterpillar.
- Think about some animals that live in a pond. Sort those animals into two groups: plant-eaters and animal-eaters. Now sort those same animals into two new groups: animals that have wings and animals that do not have wings.
- Teacher generated activity, approved by the site administrator.

III. Evaluation

- Unit and/or final test.
- All textbook work must meet the 70% accuracy level for a “C” grade.